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# U VICES: <br> SPMOIAT: ORPREFLOWER SEEDS and BULBS For Summer and Early Fall Planting, July, August, Sept., 1920 

## HARDY FIELD GROWN CARNATION PLANTS

We have about thirty thousand extra heavy field-grown Carnation Plants of the following varieties, all healthy, well branched stock. See illustration:
 $\$ 1250$

New Giant Flowered, White, Brilliant (scarlet, yellow and white), Deep Scarlet, Light Rose, Deep Rose Firefly (scarlet with white throat), Bright Crimson, Striped, Yellow and Yellow Orange Striped, Ruby King, Queen Victoria, large pure white, Pink, Venus
New Giant Flowered, choicest mixed
Tall Varieties, fine mixed
Dwarf Mixed, extra choice
ALYSSUM
Carpet of Snow w. .
 $\begin{array}{ll}1 / 3 \\ \text { Oz., } 20 \text { cts. } & 45 \\ 90\end{array}$
BELLIS PERENNIS (Double Daisy)
Snowbali, large double pure white
Longfellow, large double, rosy pink.
1/8 oz., 30 cts .200
Mixed, large double, clooicest strain $1 / 8 \mathrm{oz},, 30 \mathrm{cts} .200$
Monstrosus Albus, Giant double, white 1/8 oz., 25 cts. 175 ". Roseus, " " rose .

Mixed, rose and white 14 Oz., \$1.50 450 1/4 oz., 1. 50450 . $1 / 4 \mathrm{oz} ., \quad \mathrm{I} .25425$
Shasta, Alaska $1 / 8$ oz., 20 cts . I 25

## AMPELOPSIS (Hardy Climber)

Veitchii, Boston or Japan Ivy
ANCHUSA ITALICA
Dropmore
$1 / 40 \%$, 10 cts. 25
I-32 oz., io cts. I oo

ASPARAGUS (Greenhouse grown)
Sprengeri,
Ioo seeds, 15 cts.; 250 seeds, 35 cts.; 1000 seeds, $\$ \mathrm{I} .00$
Plumosus nanus, . . . Ioo seeds, 40 cts.; rooo seeds 3.50
CAMPANULA (see also Canterbury Bell)
Carpatica, White
$\because /$
Blue
Blaxed
Persicifolia alba
Coerulea
CANDYTUFT (Iberis)
Rocket, White
Empress, Giant White Hyacinth flowered (true) very
choice . . . . . . . . . . . . choice
$1 / 4$ oz., 35 cts. I oo 14 oz., 35 cts. I oo 4 oz., 30 cts. 90

Carmine
Lilac. .
Per oz. Per lb.

Perennial-Iberis Gibraltarica ...... i-16 oz., 20 cts. 200
Sempervirens, white - I-16 oz., 20 cts. 200
CANTERBURY BELL (Campanula Medium)
Single Light Pitnk, beautiful. . .....
Single varieties mixed
$1 / 4$ oz., 50 cts. 175
. oz., 40 cts. 125
. . . . . . . ./8 oz., 25 cts. I 00
Calycanthema, (Cup and Saucer) mixed. 1/8 oz., 30 cts . I 50
CARNATION (See Dianthus)
Hardy Fragrant. Fine for Cutting
Extra fine double, mixed. r-16 oz., 25 cts.; 1/8 oz., 35 cts. 250
Dwarf, Early-flowering Vienna, extra fine double mixed
1/4. oz., 35 cts. 125
Dwarf, Early-flowering Grenadin, double bright scarlet,
extra fine .....1/8 oz., $45 \mathrm{cts} . ; 1 / 4 \mathrm{oz} ., 80 \mathrm{cts} .300$
Marguerite, White ........ .. 1/8 oz., 25 cts .200
Pure yellow . . . . . . . . $1 /$ oz., 20 cts. I 25
Mixed
$1 / 4 \mathrm{oz} ., 30$ cts.

Per 100 Per r,000
1250 \$12000
$1250 \quad 12000$
I2 $50 \quad 120$ oo I5 oo 140 oo
Per oz. Perlb.


Strong well-rooted Carnation plants like this are scarce and the demand is unusually heavy. Our stock will so rapidly. Ordera will be filled in rotation as received. Botter got yours in early. For prices see top of page.
Marguerite Giant or Malmaison, mixed extra large-
flowered strain .....1/8 oz., 35 cts. I 75
Chaubands Everblooming . . . . . . . . $1 / 4 \mathrm{oz}$, 75 cts . 200
CLEMATIS PANICULATA
White, very prolific . . . . . . . . . . . 1/8 oz., 10 cts. 50

Belladona, best blue, azure blue . . . . . 1/s
Plumarius (Pheasant's Eye) single fine mixed $1 / 4 \mathrm{oz} ., \quad 60$
double and semi-double mixed, 4 oz., 35 cts. I 00
semperflorens (Florists perpetual Pinks I-16
Cyclops, rase with crinison eye, $1 / 8 \mathrm{oz}$. oz, 25 cts . I 00
DIGITALIS (Foxglove). Hardy
Gloxinixflora, Alba white . . . . . . . . Y oz., 25 cts. 75

20 cents
.. double and semi-double mixed, 4 oz., 35 cts.$\infty$
semperforens ( Norists perpetual Oz ., is cts.75
00

Rosea Pink. ..... $14 \mathrm{oz.} 25 cts.$,
splendid mixed
"، Rosea Pink. ..... 75
60
6

Vick's Special mixed . . . . . . . . . . '1 oz., 25 cts.

75
Vick's Spocial mixed ..... 75

COREOPSIS

Grandiflora, flowers large golden yellow . $1 / 4 \mathrm{oz} ., 25 \mathrm{cts}$.

DELPHINIUM (Perennial Larkspur)

Delphinium Formosum, dark blue. . . $1 / 4$ oz., 40 cts . I 25
coelestinum, sky blue, $1 / 3 \mathrm{oz}$., 25 cts . I 75

" nudicaule, dwarf scarlet . . 1\% oz., 20 cts. 2 oo
elatuin, fine mixed . ... 1
Chinese, mixed.

i/s oz., 50 cts. 350
300 ..... 50

250

 PLACE WHERE THEY GROW SUCH CROPS AS THESE? SEE PRICES OF SWEET WILLIAM SEED ON OPPOSITE PAGE.
GAILLARDIAPer oz.Lorenziana fl. pl., saved from very double flowersAnnual varieties, single mixedGrandiflora, perennial varieties, finest mixed
GYPSOPHILA (Baby Breath)
Elegans, annual, dwarf, white ..... 1/4 OZ., IO cts. \$ 25
Paniculata, perennial, white, fine for cutting double (true) ..... 40
HIBISCUS
Crimson Eye 1/4 oz., i5 cts. ..... 50
Moschentas Rose Pink 1/4 oz., 15 cts. ..... 50
HOLLYHOCK
Separate Colors, White e, P ..... Pink, Crimson
rimson, Rose, Scarlet,Yellow, large double1/4 oz., 25 cts.
Extra Choice, double mixed. (Our own growing)85
Mammoth Fringed Allegheny, choice mixed colors ..... 50
LATHYRUS Grandiflora-Perennial Peas.
Clusters of rose pink
June to September ..... 50
LINUM
Grandiflorum rubrum, scarlet flax, Annual20
Perennial varieties mixed25
LUPINUS
Polyphylus Mixed ..... 30
\% oz., 10 cts . ..... 30
LYCHNIS
Chalcedonica, bright scarlet
Haageana hybrida, fine mixed $1 / 8$ oz., 25 cts . ..... 40
Viscaria splendens, fine scar $1 / 4$ oz., 20 cts. ..... 40Alpestris, blue, rose and white
Alpestris, blue, rose and white $-1 / 4 \mathrm{Oz} ., 35 \mathrm{cts}$.
indigo blue, very fine. ..... 00 ..... 75
"، obusta grandiflora, (Eliza Fonrobert) $1 / 8 \mathrm{oz}$.. 20 c . ..... 00
Victoria, sky blue, for pots ..... 00$1 / 4 \mathrm{oz} ., 35 \mathrm{cts}$.
$1 / 4 \mathrm{oz} ., 35 \mathrm{cts}$.
Palustris isemperflorens1/4 oz., 35 cts.I 00Perfection, extra large .1/8 oz., 50 cts.300
PLATYCODON
grandiflorum, blue I/s oz., 20 cts. ..... I 25
white 1/8 20., 20 cts.125
POPPY Perennial VarietiesExcelsior Hybrids of the Oriental Poppy. The result ofseveral years' careful selection. Ranges from the mostdelicate salmon to deep crimson.I 00
mson , 30 cts.
nudicaule
I-4 oz., I5 cts. ..... 40
$\left.\begin{array}{cc}\because c & \text { white } \\ \text { "، } & \text { orange }\end{array}\right\}$ Iceland Poppies Iceland Poppies October
mixedI-4 oz., 35 cts.
PRIMULA
Auricula, prize mixedelatior (Polyanthus), First quality mixedIf oz., 20 cts.th oz., 20 cts.$1 / 8 \mathrm{oz} ., 40 \mathrm{cts}$.1/8 oz., 40 cts .
gold lacedI 00
vulgaris true English Primrose
PYRETHRUM
roseum hybridum, single mixed ....... i-4 oz., 50 cts.I 75
Double White Feverfew (Matricaria capensis s, $1 / 8 \mathrm{oz} ., 15 \mathrm{c}$. ..... 75
Golden Feather, (true yellow) $1 / 3$ oz., io cts.
RUDBECKIA Purpurea I-4 oz., 35 cts.
SCHIZANTHUS Mized varieties I-4 oz., i5 ctsI 25SMILAX Boston (Myrsiphyllum asparagoides)
STOKESIA Cyanea, (Cornflower Aster) ..... I-4 oz., 35 cts.

STOCK Winter Flowering, Ten Weeks

White. I-32 oz., 25 cts.;

## Carmine Rose

Blood Red
Snow Flake
Princess Alice (White). All colors mixed
Largest Flowering Dwarf P

 1/3 oz., $40 \mathrm{cts} . ;$ r-4 oz., 1/8 oz., 30 cts .; I-4 oz.,
I-4 cz., $1 / 3$ oz., 40 cts .
Beauty of Nice, Early Large Flowering
Flesh Pink $\quad 1 / 8$ Oz., 50 cts.; i-4 oz.. 75250
${ }_{\text {Giant Whe Whe }}$ Wlanc)

Giant Yellow I/s oz., 50 cts.: $\mathrm{I}-4 \mathrm{oz}$. ,,
Giant Crimson 1/8 oz., 50 cts.; 1 -4 oz.,
Queen Alexandria, rosy lilac $1 / 8 \mathrm{oz}$., 50 cts .; I-4 oz.,
Mixed
1/8 oz., 40 cts,; 1 I-4 oz.,
$\begin{array}{ll}60 & 200 \\ 60 & 200 \\ 60 & 2 \\ 60 \\ 60 & 200 \\ 60 & 200 \\ 50 & 1 \\ 65 \\ 60 & 2 \\ 00\end{array}$

## Dresden Perpetual

Empress Augusta Victoria. 1/8 oz., 40 cts.; i-4 oz., 60200

${ }_{\text {Blue }}^{\text {Blood Red }}$ 1/8 oz., 40 cts.: 1 oz.,

Yellow 1/8 oz., 40 cts.; i-4 oz.,

Mixed 1/s Oz., 40 cts.; I-4 oz., $60 \quad 200$ 60200 1/8 OZ., 30 cts.; I-4oz.,
$60 \quad 200$

## EARLY or WINTER FLOWERING SPENCER SWEET PEAS

Sweet Peas sown in Greenhouses need more care in planting than those sown in the open ground in order to prevent damping off. Sow very thinly and thin out to about three inches in the row. It is best to sow the tender varieties, such as whites and light pinks, in sand and transplant. Sow ninety to one hundred days ahead of the time that you want the bloom. For Christmas blooming the seeds should be sown about the middle or latter part oi September.

Items marked with star (*) will be ready for delivery in October, subject to crop conditions.
*Asta Ohn. Fine lavender. Same form as late flow-
ering Asta Ohn $\dot{\text { Blanche Ferry. Pink and white. Standards bright }}$
Per oz. $1 / 4 \mathrm{lb} . \quad \mathrm{Ifb}$. crimson, wings white, tinted pink
*Cream. A Primrose Spencer of fine shape and size. Similar to late flowering Dobbins Cream
\$0 75 \$2 $50 \$ 800$

Heather Bell. Rich lavender mauve. Flowe very large, born in threes and fours, lone
*Liberty. Brilliant crimson, good form and size
Lavender Pink. Large flowers born in threes and fours on long stems
*Melody. Rose pink on white ground
*Morning Star. Orange scarlet, flame color standard with orange pink wings
*Mrs. A. A. Skatch. Clear pink one of the best of the pink Spencers
*Rose Queen. Unusually long stem, large flowered, rose pink
Snow Flake. Magnificent early white, a superb form, three or four flowers on long stems
*Song Bird. Pale rose pink with white ground. Flowers profusely, long stems
Spring Maid. Crimson pink. A very beautifully shaded flower, stroug grower, long stem, prolific
*Venus. Standards white, slightly flesh pink, very fragrant

* Warbler. Extra large beautifully formed, rich mauve purple
*Yarrawa. Best Spencer form. Bright rose pink with light wings

| 75 | 2 | 50 | 800 |
| ---: | :--- | :--- | :--- |
| 75 | 2 | 50 | 800 |
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| 75 | 2 | 50 | 800 |
| 75 | 2 | 50 | 800 |
| 75 | 2 | 50 | 800 |
| 75 | 2 | 50 | 800 |
| 75 | 2 | 50 | 800 |
| 100 | 3 | 00 | 10 |
| 75 | 2 | 50 | 800 |
| 75 | 2 | 50 | 800 |
| 75 | 250 | 800 |  |
| 75 | 250 | 800 |  |
| 75 | 2 | 50 | 800 |
| 75 | 2 | 50 | 800 |

## VICK'S SELECTED FLORISTS' STRAIN OF PANSY SEED

Packet, $25 \mathrm{c} \in \mathrm{nts}$; 1/s ounce, 75 cents.
Giant
Emperor, blue, purple eye1/402. Per ozGulden Queen, pure yellow, extra fine$\begin{array}{lll}\$ 1 & 25 & \$ 3 \\ 75\end{array}$King of the Blacks, extra fine strain125375Lord Beaconsfield, purple-violet, shading to whiteMadam Perret, extra large Howers, rose, crimson shadesPremier Lloyd George, formerly Prince Bisnarck, light2537525375
brown shades, with dark eye, fine. 25 ..... 375
extra large
Snowflake, extra fine pure white
Yellow, with dark eye
25375
White, with purple eye
White, with purple eye • . . . . . . . . . . . . . .
Choice Giant Flowered, mixed varieties
Masterpicce. New class of Giant Blotched varieties, fine rich colors . . . . . . 1-16 oz., $50 \mathrm{cts} . ; 1 / 8 \mathrm{oz} ., 85 \mathrm{cts}$. Vick's Giant Superb, mixed, Florists' choicest strain 1-32 oz., 50 cts-; I-16 oz., 85 cts.; 1/s oz., \$1. 50
Vick's Peerless mixed, contains some'of the best American varieties $\quad \mathrm{I}-32 \mathrm{oz} ., 30 \mathrm{c} . ; \mathrm{I}-16 \mathrm{oz},. 50 \mathrm{c} . ; 1 / 8 \mathrm{oz},. 75 \mathrm{c}$.
Standard varieties mixed
Good Mixture, from trials

25

375
325
00325
$85 \quad 275$
125500
$250 \quad 800$

I 25400

## MASTODON PANSIES

1-16 oz., 65c.; 1/8 oz., $\$ 1.00$; 1-4 oz., $\$ 2.00 ; 1 / 20 z ., \$ 3.75 ; 10 z ., \$ 7.00$. A new superb strain of Mammoth Pansies. American grown.
Mastodon mixed. A wonderiul collection of mixed shades in many colors of mammoth size on long stems.
Adonis, Mastodon. New, of huge size, light blue, baby blue and lavender shades.

Bronze Mastodon. Very large. All the different shades from burnished brass to gold, wonderfuliy tinged with nearly every color known to pansies.

Parisian Yellow. A pure yellow of the grandest form and size.
White Mastodon (dark center). The largest pansies we have ever seen.

## SWEET WILLiAViv

| Holborn Glory, extra larg | $\begin{aligned} & 1 / 4 \mathrm{oz}^{2} \\ & \$ \end{aligned}$ | \$ $\begin{aligned} & 178 \\ & \$ \quad 30\end{aligned}$ | 1 lb . |
| :---: | :---: | :---: | :---: |
| Dunnett's dark crimson... |  | + 30 |  |
| Double White | 50 | 150 |  |
| Single White |  | 30 |  |
| Double, finest mixed |  | 60 | 700 |
| Single, finest mixed |  | 20 | 200 |
| Pink Beauty |  | I 00 |  |
| Scarlet Beauty |  |  |  |

## HURRY UP THAT ORDER FOR FALL BULBS

If you have not already provided for at least a portion of your requrements for fall bulbs, better do so now and take advantage of the lowest possible prices. If you are going to need a considerable quantity, send us your list at once and we may be able to save you money by cabling the order and including the bulbs with some of our regular import shipments.

One thing is certain; there are going to be more bulbs sold this fall than ever before. Although we have more bulbs coming to us than we have ever had before, we have already received advance orders to take a good share of them. It is therefore wise for you to place your order at once not only to secure the best prices, but to make sure that you receive just the varieties which you require.

We are very enthusiastic over our splendid list of varieties which we have to offer this fall. It will be a pleasure for us to send you this list with prices. We have discarded all kinds that do not show some distinctivé merit and are offering many new varieties at extremely attractive prices. It will pay you to sit down now and write us for further particulars.

Fall Bulbs will be a very safe crop to plan on this winter. In case of a coal shortage there is much less risk of damage than with any other kind of tlowers. They require heat only when they are ready to be forced into bloom and then only for a short time. If buried outside in flats, covered with leaves, straw litter and boards. or dirt, they may be dug out during the coldest weather and brought into heat, when they will bloom in a very short time.

## PREPARING BED FOR GERMINATING SEED

If your soil is not of the quality of first-class potting soil prepare your bed for sowing as follows:
1-Have your ground perfectly clean and free of weeds and trash, pulverized to a depth of six or more inclies.
2-On the level surface spread evenly a layer of pulverized manure, barnyard scrapings preferred, to a depth of at least one inch.
3-Overlay manure with half inch of the best soil you have, thoroughly pulverized. 4 -Roll or rake down and tamp surface true and smooth.
5-Use the hose freely and soak down the bed several inches.
6-Sow your seed in drills or broadcast-we sow broadcast.
7-Cover as lightly as possible with your best soil or sand. Sand is best.
8-Use spray of water to moisten surface.
9-Allowing plenty of ventilation, keep your beds moist, quite moist, but not soaking wet, until plants come up.
We use unbleached sheeting, cheapest grade, to retain moisture. As soon as plants begin to come through freely we remove sheeting permanently, and sift top of beds with thin layer of barnyard scrapings.

Never allow your beds to become dry. Any dryness after seeds sprout is absolutely fatal. These directions are for sowing in the open field, but will apply when using flats or cold frames. We use 60 to 75 feet to sow an ounce of seed.

## PREPARING BED FOR RESETTING PLANTS

Too much cultivation and preparation of the soil before making your beds for seedlings or re-set plants is impossible. Too little cultivation and preparation is common and almost fatal to any degree of success. Excellent drainage is essential. For re-sets the soil should be broken up to a depth of ten to twelve inches and thoroughly pulverized to a depth of six to eight inches.

Make your beds four to five feet wide. Cover beds with a mulching of dairy yard or stock yard scrapings, or any well rotted, pulverized manure to a depth o: $11 / 2$ inches. Set your seedlings deeply, and in rows acruss the bed seven to eight inches apart, so that you can use the hoe, For marketing purposes set plants $21 / 2$ to 3 inches apart in the row: For display beds double space in the row. Never allow top of soil to become packed. After a rain or after watering beds, use the hoe. But don't hoe deep-cultivate surface only. Keep away from shade of trees and buildings as much as possible.



Superior in every way to the ordinary Paper White. Very popular for forcing. Can be brought into flower in about 30 to 40 days. Will do well in ordinary house temperature and with no special care. For growing in shallow dishes in pebbles and water they are superior to Chinese Lilies. Flowers are larger, more attractive in color and possess a more pleasing fragrance.
Pure white, ra centimetres or over, per 100, 2.25 ; per 1,000, \$20.00.

## Bulbs For Forcing

The prices on bulbs are based on the safe arrival of stock in this country and our liability is limited to the refund of purchase price in case of nonarrival.

## FREESIA PURITY

This variety has taken the place of Freesia Refracta Alba and is far superior to it. These bulbs can easily be brought into bloom for Christmas by early planting and always find ready sale. The stock that we handle is a superior, well selected strain of fully matured bulbs that are sure to bloom under normal conditions.

First size, per doz., 35 cts.: per 100, $\$ x .50$; per 1,000, $\$ 1200$.
Extra choice, per doz., 50 cts.; per 100 , \$1.75; per $1,000, \$ 14.00$.

## CALLA LILLIES - Dry Bulbs

Owing to the shortage of the other Lily stocks there is bound to be a tremendous demand for Calla Lily bulbs. Our bulbs are apparently free from disease, sound and well ripened. Bulbs secured from this grower have always produced more flowers for the size of the bulb planted than bulbs we have secured from any other source. Supply is limited and orders will be filled in the order in which they are received.
$11 / 2$ to 2 inch bulbs, per doz., $\$ 2.25$; per roo, $\$ 15.00$.
2 to $21 / 2$ " " " " $3.50 ;$ " 100, 25.00 .

## LILIUM HARRISII

Can be brought into bloom earlier than other lilies except cold storage stock. This is the original Easter Lily. Our bulbs came direct from one of the best growers on the island of Bermuda. Bulbs are sound and free from disease. This strain of lilies has become very scarce and the prices are high, but with the stock so limited there is never enough to take care of the demand. 7 to 9 inch bulbs, per doz., $\$ 4.50$; per 100, $\$ 30.00$.

## LILIUM FORMOSUM

This is a splendid pure white, free flowering Lily of the Longifiorum type, imported by us from the Island of Formosa. The Formosum can be forced into bloom earlier than any other Lily of its type except Harrisii, for which it is a good substitute.

6 to 8 inch bulbs, per doz. $\$ 3.00$; per 100, $\$ 20.00$.
7 to 9 " " " " 4.50 ; " 100, 30.00 .
8 to io " " " " 5.00 ; " 100, 35.00.

## LILIUM GIGANTEUM-Blue Stem

The best of the Japan Lilies. A little later than the other varieties, but hardier and freer blooming. Bulbs can be put in cold storage and taken out as needed during the Winter and Spring.
6 to 8 inch. Good size for forcing. Per doz., $\$ 2.00$; per roo, $\$ 15.00$. 7 to 9 inch. Extra fine, very popular. " " 3.00 ; " 100, 20.00. 8 to to inch. For use where large number of blossoms per stalk is desired.

Per doz., $\$ 4.00$; per 100, $\$ 25.00$

## LILIUM CANDIDUM

This variety is sometimes called the Annunciation Lily, or Madonna Lily. Good for forcing, also used for outdoor planting. Its snowywhite flowers are borne aloft by long slender stems. Unsurpassed in stateliness and beauty for outdoor culture.
Large size bulbs, per doz., $\$ 1.75$; per 100, $\$ 12.00$. Extra size bulbs per doz., $\$ 2.25$; per 100, $\$ 15$.00. Mammoth size bulbs, per doz., $\$ 2,50$; per 100, $\$ 88.00$.

## JAMES VICK'S SONS

 Seedsmen, Nurserymen, FloristsROCHESTER, N. Y.<br>"The Flower City"

1 CENT PAID Rochester, I. Y. Permit No. 29
This apace for address only
Unites Stater Lept't of Cpi. Bureau of Plant indructyy
Wartington, W. Co.

